PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number 10784376 Filing Date 2004-02-23 INFORMATION DISCLOSURE First Named Inventor Arvind Sundararajan, et al. STATEMENT BY APPLICANT Art Unit 2178 (Not for submission under 37 CFR 1.99) **Examiner Name** Manglesh M. Patel Attorney Docket Number BEAS-01391US1

	U.S.PATENTS Remove								
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
MAP	1	6950872		2005-09-27	Todd II				
	2	6516322		2003-02-04	Meredith	·			
	3	6754884		2004-06-22	Lucas et al.				
	4	6971096		2005-11-29	Ankireddipally et al.				
	5	7043722		2006-05-09	Bau III				
	6	7184967		2007-02-27	Mital et al.				
	7	7240331		2007-07-03	Vion-Dury et al.				
Ψ	8	6874143		2005-03-29	Murray et al.				

Application Number		10784376		
Filing Date		2004-02-23		
First Named Inventor	Arvino	d Sundararajan, et al.		
Art Unit		2178		
Examiner Name Mang		lesh M. Patel		
Attorney Docket Numb	er	BEAS-01391US1		

MMA	9		7069507	2006-06-27	Alcazar et al.	
	10)	6601113	2003-07-29	Koistinen et al.	
	11	1	6615258	2003-09-02	Barry et al.	
	12	2	6067623	2000-05-23	Blakley et al.	
	13	3	6609115	2003-08-19	Mehring et al.	
	14	4	6584454	2003-06-24	Hummel et al.	
	15	5	6360358	2002-03-19	Elsbree et al.	
	16	6	6654932	2003-11-25	Bahrs et al.	
	17	7	7143186	2006-11-28	Stewart et al.	
	18	8	5469562	1995-11-21	Saether	
U	19	9	6016495	2000-01-18	McKeehan et al.	

Application Number		10784376		
Filing Date		2004-02-23		
First Named Inventor Arvino		Sundararajan, et al.		
Art Unit		2178		
Examiner Name Mang		lesh M. Patel		
Attorney Docket Number		BEAS-01391US1		

MA	/m/m/s		6334114		2001-12-25	Jacobs et al.		
		21	5944794		1999-08-31	Okamoto et al.		
		22	6636491		2003-10-21	Kari et al.	·	
		23	7051316		2006-05-23	Charisius et al.		
		24	5604860		1997-02-18	McLaughlin et al.		
		25	5630131		1997-05-13	Palevich et al.		
	•	26	6018730		2000-01-25	Nichols et al.	·	
		27	6023578		2000-02-08	Birsan et al.		
		28	6470364		2002-10-22	Prinzing		
	V	29	6637020		2003-10-21	Hammond		
If yo	u wis	h to a	dd additional U.S. Pater	· · · · · · · · · · · · · · · · · · ·		lease click the Add button.	Add	
	U.S.PATENT APPLICATION PUBLICATIONS Remove							

Application Number		10784376		
Filing Date		2004-02-23		
First Named Inventor	Arvino	Sundararajan, et al.		
Art Unit		2178		
Examiner Name Mang		lesh M. Patel		
Attorney Docket Numb	er	BEAS-01391US1		

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
MAP	1	20040078373		2004-04-22	Ghoneimy et al.	·		
	2	20020194244		2002-12-19	Raventos			
	3	20020111922		2002-08-15	Young et al.			
	4	20020073396		2002-06-13	Crupi et al.			
	5	20030051066		2003-03-13	Pace et al.			
	6	20030074217		2003-04-17	Beisiegel et al.			
	7	20040040011		2004-02-26	Bosworth et al.			
	8	20030084203		2003-05-01	Yoshida et al.			
	9	20020161826		2002-10-31	Arteaga et al.			
	10	20050278585		2005-12-15	Spencer			

Application Number		10784376		
Filing Date		2004-02-23		
First Named Inventor	Arvino	ind Sundararajan, et al.		
Art Unit		2178		
Examiner Name Mang		lesh M. Patel		
Attorney Docket Number		BEAS-01391US1		

						•					
MMp	11	20060234678		2006-10-19		Juitt et al.	,				
	12	20030028579		2003-02-06		Kulkarni et al.					
	13	20070038500		2007-02-15		Hammitt et al.					
	14	20020143960		2002-10-03		Goren et al.		·			
	15	20030046591		2003-03-06		Asghari-Kamra	ıni et al.				
A	16	20030079029		2003-04-24		Garimella et al					
If you wi	sh to a	dd additional U.S. Publ	shed Ap	plication	citation	n information p	lease click the Ado	d button	Add		
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove	-	
Examine Initial*	er Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		T 5
wwk	1	WO 9923558	wo			1999-05-14	Oracle Corp.		·		
If you wish to add additional Foreign Patent Document citation information please click the Add button Add											
			NON	N-PATE	NT LITE	RATURE DO	CUMENTS		Remove		
Examine Initials*	Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.							T5			

Application Number		10784376	
Filing Date		2004-02-23	
First Named Inventor Arvino		d Sundararajan, et al.	
Art Unit		2178	
Examiner Name Mang		lesh M. Patel	
Attorney Docket Numb	er	BEAS-01391US1	

MA	۴]	1	ALONSO et al., "Advanced Transaction Models in Workflow Contexts", IEEE, February 1996, Proceedings of 12th International Conference on Data Engineering, retrieved from: http://citeseer.ist.psu.edualonso96advanced.html., pp. 574-581.	
		2	VAN DER AALST et al., "XML Based Schema Definition for Support of Inter-Organizational Workflow", University of Colorado and University of Eindhoven report, 2000, retrieved from http://citeseer.ist.psu.edu/vanderaalst00mxl.html, 39 pages.	
		3	PLAINDOUX, "XML Transducers in Java", May 2002, The Eleventh International World Wide Conference, retrieved from: http://www2002.org/CDROM/poster/132/index.html., 6 pages.	
		4	MOHAN et al., "ARIES: A Transaction Recovery Method Supporting Fine-Granularity Locking and Partial Rollbacks Using Write-Ahead Logging", ACM Transactions on Database Systems (TODS), March 1992, pp. 94-162, Volume 17, Issue 1.	
		5	HP, "HP Application Server Developer's Guide," Version 8.0, Hewlett-Packard Company, 1999-2001, pp. 27-81, 127-160, 195-271.	
		6	BOGUNOVIC, "A Programming Model for Composing Data Flow Collaborative Applications", Proceedings of the IEEE International Conference on Engineering of Computer Based Systems, March 7-12 1999, pp 106-112.	
		7	SUNG et al., "A Multimedia Authoring Tool for the Internet", IEEE Transactions on Consumer Electronics, 1997. pp: 304-308.	
		8	SMITH, et al. "Marching Towards a Software Reuse Future", ACM Ada Letters, Nov/Dec 1994, pp. 62-72 Volume 14, Number 6.	
		9	MICROSOFT, "Microsoft.net Framework", Microsoft Corporation, 2001, 54 pages.	
ر		10	WILLINK, "Meta-Compilation for C ++", University of Surrey, January 4, 2000, 379 pages.	
If you	u wis	h to a	dd additional non-patent literature document citation information please click the Add button Add	

Application Number		10784376		
Filing Date		2004-02-23		
First Named Inventor Arvino		d Sundararajan, et al.		
Art Unit		2178		
Examiner Name Mang		lesh M. Patel		
Attorney Docket Numb	er	BEAS-01391US1		

EXAMINER SIGNATURE										
Examiner Signature	Many -	Date Considered	11/21,	107						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.										

PTO/SB/08a (05-07)
Approved for use through 09/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

·	Application Number		10784376	
	Filing Date		2004-02-23	
INFORMATION DISCLOSURE	First Named Inventor Arvino		rind Sundararajan, et al.	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2178	
(Not 10) Submission under 07 Of K 1.50)	Examiner Name	Mang	lesh M. Patel	
	Attorney Docket Numb	er	BEAS-01391US1	

					U.S.F	PATENTS			Remove		
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D)ate	Name of Pate of cited Docu	entee or Applicant ment	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
W (1	6148336		2000-11	-14	Thomas et al.					
	2	7051072		2006-05	i-23	Stewart et al.		·			
If you wis	f you wish to add additional U.S. Patent citation information please click the Add button.										
	U.S.PATENT APPLICATION PUBLICATIONS Remove										
Examiner Initial*	Cite No	Publication Number	Kind Code ¹		ublication Name of Patentee or Applicant ate of cited Document			Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
MMC	1	20020049788		2002-04	I-25	Lipkin et al.					
If you wis	h to a	dd additional U.S. Publi	shed Ap	plication	citatio	n information p	lease click the Ad	d button	Add		
-			 · .	FOREIG	GN PAT	ENT DOCUM	ENTS		Remove		_
Examiner Initial*	Cite No	Foreign Document Number ³	1 1		Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document		vhere Rel	or Relevant	T5
MMg	1	WO 0029924	wo	0		2000-05-25	Saga Software, Inc.				
V	2	CA 2248634	CA			2000-03-24	IBM Canada				

Application Number,		10784376			
Filing Date		2004-02-23			
First Named Inventor	Arvino	d Sundararajan, et al.			
Art Unit		2178			
Examiner Name Mang		lesh M. Patel			
Attorney Docket Number		BEAS-01391US1			

If you wish to add additional Foreign Patent Document citation information please click the Add button Add											
_		NON-PATENT LITERATURE DOCUMENTS Remove									
Examine Initials*	r Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	item T5								
MAP	Supplementary European Search Report for EP 02784131.1 dated August 8, 2007, 4 pages.										
	2	SHARMA, "J2EE Connector Architecture Specification, Version 1.0 Final Release", Java 2 Enterprise Edition, August 2001, 90 pages, Sun Microsystems.									
V	ALLAMARAJU, et al., "Professional Java Server Programming J2EE 1.3 Edition", September 2001, pp. 1009-1057, WROX.										
If you wi	sh to a	d additional non-patent literature document citation information please click the Add button Add									
-		EXAMINER SIGNATURE									
Examine	r Signa	Date Considered 11/21/0))								
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											
Standard 5	¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.										

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number		10784376			
Filing Date		2004-02-23			
First Named Inventor	Arvino	Sundararajan, et al.			
Art Unit		2178			
Examiner Name	Mang	lesh M. Patel			
Attorney Docket Numb	er	BEAS-01391US1			

				U.S.	PATENTS	Remove
Examiner	r Cite No			Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
MMP	1	6789054		2004-09-07	Makhlouf	·
	2 7017146 2006-03-21		Dellarocas et al.			
	3 7062718 2006-06-13		Kodosky et al.			
	4	7111243		2006-09-19	Ballard et al.	
	5	6243737		2001-06-05	Flanagan et al.	
	6	6643652		2003-11-04	Helgeson et al.	
	7	6832238		2004-12-14	Sharma et al.	
U	8	7072934		2006-07-04	Helgeson et al.	

Application Number		10784376			
Filing Date		2004-02-23			
First Named Inventor	Arvino	Sundararajan, et al.			
Art Unit		2178			
Examiner Name Mang		lesh M. Patel			
Attorney Docket Numb	er	BEAS-01391US1			

mag	9	7155705	2006-12-26	Hershberg et al.	
	10	7260599	2007-08-21	Bauch et al.	
	11	6922827	2005-07-26	Vasilik et al.	·
	12	6859180	2005-02-22	Rivera	
	13	7146422	2006-12-05	Marlatt et al.	
	14	6799718	2004-10-05	Chan et al.	
	15	6836883	2004-12-28	Abrams et al.	
	16	6684388	2004-01-27	Gupta et al.	
	17	6311327	2001-10-30	O'Brien et al.	
V	18	7000219	2006-02-14	Barrett et al.	
If you wis	sh to a	ndd additional U.S. Paten		lease click the Add button.	Add Remove

Application Number		10784376				
Filing Date		2004-02-23				
First Named Inventor Arvino		Sundararajan, et al.				
Art Unit		2178				
Examiner Name Mang		glesh M. Patel				
Attorney Docket Numb	er	BEAS-01391US1				

Examiner Initial*	Cite No	Publi	cation Number	Kind Code ¹	Publication Date		Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1										
If you wish	h to ac	id add	itional U.S. Publi	shed Ap	plication	citation	n information p	lease click the Add	d butto	n. Add	
					FOREIG	SN PAT	ENT DOCUM	ENTS		Remove	
Examiner Initial*	Cite No	Forei Numi	gn Document per ³			Publication Date	Name of Patentee Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1										
If you wisl	h to ac	id add	itional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	buttor	Add	
				ИОИ	I-PATE	NT LITE	RATURE DO	CUMENTS		Remove	
Examiner Initials*	Cite No	(book		nal, seri	al, symp	osium,	catalog, etc), c	the article (when a late, pages(s), vol			item T5
	1										
If you wisl	h to ac	dd add	itional non-paten	t literatu	re docui	ment cit	ation informati	on please click the	Add b	outton Add	
		•	1	1	EX	AMINE	R SIGNATUR	E			
Examiner	Signa	iture	Man	the	T			Date Conside	ered	11/4/0	2
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.											